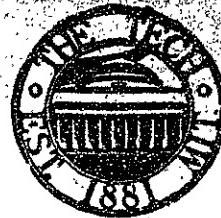


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIV. NO. 28

CAMBRIDGE, MASSACHUSETTS, TUESDAY, SEPTEMBER 28, 1954

5 CENTS

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A *The Tech*—Technique Photo

MIT Staff Players Plan Busy Season For Coming Year

The Staff Players, a drama organization, will hold its first meeting tomorrow, at the Faculty Club. The program for this year includes "The Crucible" and "Skin of our Teeth" as full scale productions and "Murder in the Cathedral", "Dial M for Murder," and "The Madwoman of Chaillot" as play readings. Beginning with "The Crucible," all Staff Player productions will be staged in the new auditorium where ample facilities are provided.

Dr. Preston K. Munter of the Medical Department, has agreed to direct both the major productions as well as "Murder in the Cathedral" as a special playreading for the Freshman Orientation program.

Primarily a social organization, Staff Players is composed of graduate students, faculty members, and other members of the M.I.T. staff who are interested in various phases of drama. A playreading or a lecture is presented at each of the monthly meetings. The play to be read at the September meeting is Giradoux's "The Madwoman of Chaillot." Interested persons are invited.

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The Humanities Department has announced the appointment of Ernst Levy, composer and pianist, as Visiting Carnegie Lecturer in Music for the fall term. Mr. Levy will offer four lecture-recitals on Beethoven piano sonatas, two lectures on the Pythagorean philosophy, and a seminar on the Beethoven piano sonatas.

He will be remembered by many students and faculty members for his appearances in the Humanities Series concerts of April 6, 1952, and February 21, 1954. After his piano recital in 1954 *The Christian Science Monitor* wrote: "Ernst Levy is one of the great pianists of the country . . . (He) is not only a magnificent pianist; he is a prolific composer. When he returns to Boston—and that should be soon—would he bring us some of his own works, along with other contemporary composers?"

Mr. Levy will be an East Campus faculty resident, living in Munroe 206, for the fall term.

Promotions To Five Members Of M.I.T. Faculty

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Varied Religious Activities Present In Boston Region

Many students of the Institute have expressed an interest in religious activities. Such students will find ample opportunity in the area around the Institute to attend church or pursue other religious activities. The following is a list of churches and synagogues convenient for student use:

University Lutheran Church, corner of Dunster and Winthrop Streets, Cambridge; First Church in Cambridge (Unitarian), Harvard Square; First Church in Cambridge (Congregational), Garden and Mason Streets; Church of the New Jerusalem, Kirkland and Quincy Streets, Cambridge; Christ Church (Episcopal), Cambridge Common; Religious Society of Friends, 5 Longfellow Park, Cambridge; Harvard-Epworth Methodist Church, 1555 Massachusetts Avenue, Cambridge; Old Cambridge Baptist Church, Massachusetts Avenue and Harvard Street; St. Paul's Church (Roman Catholic), Arrow and De-Wolfe Streets, Cambridge; First Church of Christ, Scientist, Massachusetts Avenue and Waterhouse Street, Cambridge; Temple Ashkenaz (Orthodox), 8 Tremont Street, Cambridge; Temple Ohabei Shalom (Reformed), 1187 Beacon Street, Brookline; Congregation Kehillath Israel (Conservative), 384 Harvard Street, Brookline.

E. Reiley Attends NSA Convention On Student Gov't

This summer, the Institute was represented at the fourth annual Student Body Presidents Conference by Eldon H. Reiley, '55, president of the Undergraduate Association. This conference, held at Ames, Iowa, brought together student leaders from over one hundred colleges for a four-day workshop on campus government problems. It was sponsored by the National Student Association, a student federation representing more than three hundred colleges.

Inscomm

(Continued from page 1)

for parking violations.

Eldon Reiley, president of the Undergraduate Association, has announced the appointment of Dave Scott, '55 and Larry Berman '55, to a special committee formed by President James R. Killian, Jr. to study the scheduling of the new skating rink now being built on West Campus. The committee will report to President Killian by November 15, the target date for completion of the rink.

M. T. A.

(Continued from page 3) p.m., but it's quickly used up in a drink or two. Band is small and so is the dance floor. Usually a college crowd.

Terrace Room, Hotel Statler—An excellent band and intriguing atmosphere make this worth the \$1.00 cover charge. You can make an evening of it for less than \$5.00 a couple provided you don't eat anything.

Latin Quarter—Plushiest night club in Boston and one of the few with a floor show. At 46 Winchester Street. Bring your bank account with you because the minimum is \$4.00 per person.

The Eliot Lounge—On Mass. Ave. just the other side of Commonwealth. Concentrates on soft lights and music, comfortable seats, good drinks, and fairly low prices. Before 8:00 p.m., all drinks are \$.39.

The Meadows—A huge, rather antiseptic dine and dance place on the Worcester Turnpike about 17 miles from Boston. A full meal will cost plenty, but you can get by for less by sitting in the Lounge.

Blinstrub's Village—Not much on the outside, but one of the classier spots inside. \$2.00 minimum per person on weekdays, \$3.00 on Saturdays. Better known stars appear here fairly regularly, but a Patti Page or a Frankie Laine raises the minimum to \$4.50. Dinners start at \$2.25. At 304 Broadway in South Boston.

Hillel To Sponsor Varied Services At Local Colleges

This year the Hillel Societies of the Greater Boston Area are cooperating in holding three different types of services for the Jewish High Holy Days. A traditional (Orthodox) service is to be held at Phillips Brooks House in Harvard Yard; a Conservative service at the Boston University B'nai B'rith Hillel House, 233 Bay State Road, Boston; and a liberal (Reformed) service in the First Parish Church in Harvard Yard.

The schedule for the Rosh Hashanah (New Year) services is as follows:

Monday, September 27:

Traditional—5:00 p.m.
Conservative—7:30 p.m.
Liberal—8:00 p.m.

Tuesday, September 28:

Physics Research Fellowship Given To Richard Lyon

The Owens-Corning Fiberglass Corporation Fellowship in Acoustics has been awarded to Mr. Richard H. Lyon for graduate studies at the Institute. Under this fellowship Mr. Lyon will continue acoustical research directed to his thesis for the

Traditional—10:00 a.m. & 5:00 p.m.
Conservative—10:00 a.m.

Liberal—10:00 a.m.

Wednesday, September 29:

Traditional—10:00 a.m.

Conservative—10:00 a.m.
The schedule for the Yom Kippur (Day of Atonement) services will be published at a later date.

degree of doctor of philosophy in physics, for which he has already completed the qualifying examinations.

His undergraduate years were spent at Evansville College, where he received the degree of bachelor of arts in 1952.

In 1952 Mr. Lyon entered M.I.T. as a graduate student in the Department of Physics and received a Research Assistantship under which he

has worked in the Acoustics Laboratory. His research work has included a detailed investigation of the response of a piezoelectric plate to a localized driving force. Mr. Lyon has contributed a new mathematical solution for the vibration amplitudes in a driven plate and has studied the motions experimentally by means of an ingenious technique involving the observation of optical interference fringes.

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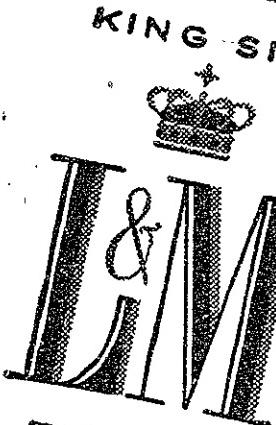


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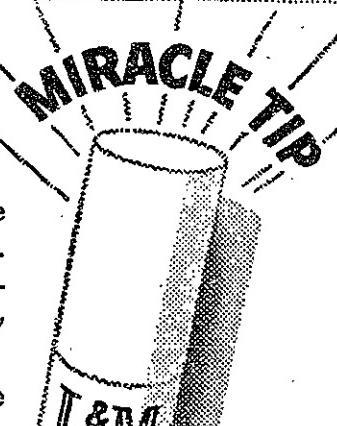
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InsComm Meets Tomorrow, Will Be Open Session

Tomorrow at 5:00 p.m. there will be a meeting of Institute Committee in Litchfield Lounge, Walker Memorial. This meeting, which is open to all students, will be conducted without formal parliamentary procedure. For the first time, and purely as an experiment, it takes the form of a discussion group.

After approving the selection of R. Peter Toohy '55 as the new chairman of the Public Relations Committee and the establishment of the new rules governing use of Morss Hall, the committee will discuss its general functions under the reorganized plan of student government, as well as specific projects to be undertaken this year.

The committee on the discrimination conference will then submit its report, to be followed by a general discussion of possible topics and areas of discussion for the conference.

T.E.N. SMOKER

On Tuesday, September 28, from 5:00 to 6:00 p.m., Tech Engineering News will hold a smoker in 2-290, presenting general information about positions on literary, art, photography, make-up, sales, circulation, and business staffs. Refreshments will be served.

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OFFICES OF THE TECH

News, Editorial and Business—Room 020, Walker Memorial, Cambridge 39, Mass.
 Entered as second class matter at the post office at Boston, Massachusetts.

Calendar of Events

from September 28 through October 6, 1954

TUESDAY, SEPTEMBER 28

Food Technology Department. Food Industry Seminar: "Problems of Underwater Food Production." Mr. J. Richards Nelson, President of Ellsworth Oyster Co., American Oyster Institute. Room 16-310, 2:00-4:00 p.m.

WEDNESDAY, SEPTEMBER 29

Young Republican Club. First fall meeting. Room 5-120, 5:00 p.m.
 Technology Christian Association. Religious Action Division Smoker. Speaker: Dean William Speer. T.C.A. Office, Walker Memorial, 5:15 p.m.
 Concert Band. Rehearsal. Morss Hall, Walker Memorial, 7:30 p.m.

THURSDAY, SEPTEMBER 30

Fencing Team. Smoker for freshmen interested in fencing. Walker Gymnasium, 5:00 p.m.
 Glee Club. Rehearsal. Room 2-190, 5:00 p.m.
 Lecture Series Committee. Film: "All the King's Men." Room 1-190, 5:00, 7:30, and 9:30 p.m. Admission: 30 cents.
 Technology Christian Association. Boys' Work Division Smoker. Speaker: Mr. Angelo Musto, Director of Goodwill (Settlement) House. Tyler Lounge, Walker Memorial, 5:00 p.m.

FRIDAY, OCTOBER 1

Mechanical Engineering Department. Seminar: "Review of Theory and Experiment in Metal Cutting." Prof. Milton C. Shaw. Room 3-370, 3:30 p.m. Coffee will be served in Room 3-174 from 3:00-3:30 p.m.

SATURDAY, OCTOBER 2

Freshman Sailing Team. The Hexagonal (M.I.T., McGill, Middlebury, Vermont). M.I.T. Sailing Pavilion.
 Informal Dance Committee. Dormitory Acquaintance Dance. Morss Hall, Walker Memorial, 8:00 p.m.-12:00 midnight.

SUNDAY, OCTOBER 3

Varsity Sailing Team. Jack Wood Trophy. M.I.T. Sailing Pavilion.

MONDAY, OCTOBER 4

Convocation in commemoration of Karl Taylor Compton. Ten and eleven o'clock classes omitted. Rockwell Cage, 11:00 a.m.
 Chemistry Department. First of lecture series on "Selected Topics in Natural Product Chemistry." Sir Alexander R. Todd, Arthur D. Little Visiting Professor of Chemistry. Room 6-120, 1:00-2:00 p.m.
 Choral Society. Rehearsal. Room 2-190, 7:30 p.m.

TUESDAY, OCTOBER 5

Debating Society. Smoker for freshmen and other new students. Litchfield Lounge, Walker Memorial, 5:00 p.m.
 Glee Club. Rehearsal. Room 2-190, 5:00 p.m.
 Christian Science Organization. Subject: "Moral Courage." Tyler Lounge, Walker Memorial, 5:15 p.m.
 Symphony Orchestra. Rehearsal. Morss Hall, Walker Memorial, 7:30 p.m.

WEDNESDAY, OCTOBER 6

Chemistry Department. Second of lecture series on "Selected Topics in Natural Product Chemistry." Sir Alexander R. Todd, Arthur D. Little Visiting Professor of Chemistry. Room 6-120, 1:00-2:00 p.m.

EXHIBITIONS

Karl Taylor Compton—a retrospective on his life while President of M.I.T.—is the subject of an exhibition being shown in the New Gallery of the Charles Hayden Memorial Library through October 10. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday and Sunday, 2:00-5:00 p.m.

Photographic Salon prints by Wellington Lee of New York City will be on display in the Photo Service Gallery, Basement of Building 11, from October 4 to October 24.

CALENDAR OF EVENTS

The Calendar of Events appears in THE TECH on Tuesday with announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of October 6-13 is due September 30.

after hours

by Bjorn A. Rosengren '56

DANCES

FRIDAY, OCTOBER 1

Wellesley—those students who are ambitious enough and who are equipped with four wheels can find out at what campus dormitories the Wellesley "Mixers" will be given. Usually invitation cards are required, but the smooth operator can always figure an angle.

Pine Manor—Techmen who remember those pretty Pine Manor girls at the Baker House Acquaintance Dance will want to try and make the acquaintance dances at their dormitories. This is also for the ambitious student with a means.

Lesley College—the Student Government is sponsoring a gala acquaintance dance at the Hotel Commander opposite the Cambridge Common. Dancing from 8-12 to the music of Bob Donahue's Band. Take the Mass. Ave. bus to Harvard Square and walk the rest of the way along Garden Street.

Boston Y.W.C.A.—student hostesses from Boston University, Simmons, Fisher and many other neighboring colleges will entertain you to the music of Art Brickley's Orchestra. This informal stag dance begins at 8:15 p.m. The "Y" is near Copley Square, 140 Clarendon Street. Admission 50c.

Cambridge City Hospital—16 Camelia Ave., the Senior Class is sponsoring this informal acquaintance dance at 75c per male. Passion music by Emmett Obrien's Band.

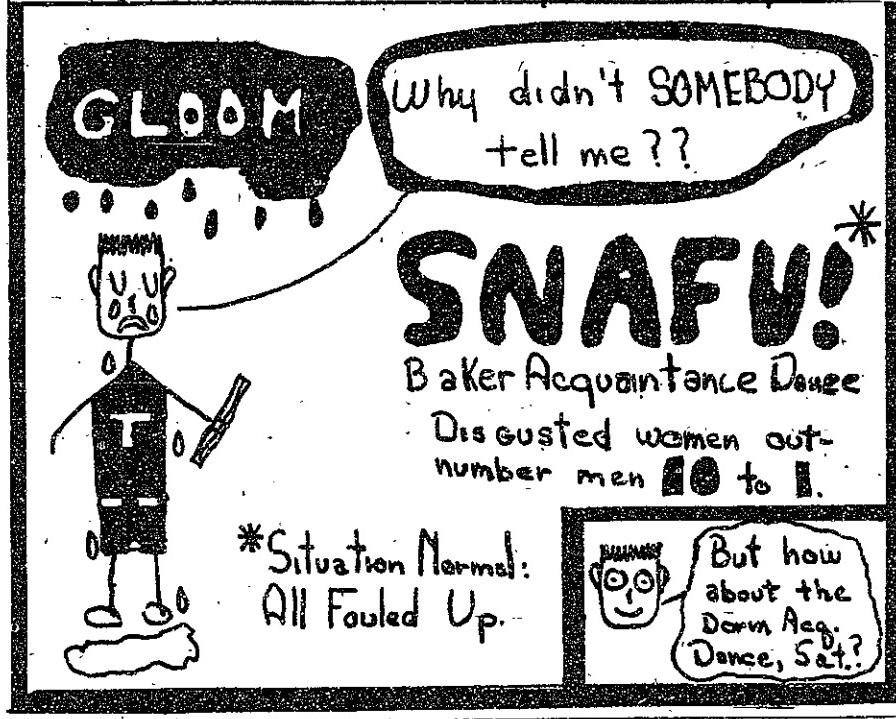
SATURDAY, OCTOBER 2

M.I.T.—is going to have its first Dormitory Acquaintance Dance to the beat of Bob Adams 8 piece orchestra. The festivities will be roofed in Walker's Morris Hall. Admission will be \$1.00 for Techmen; Harvard excluded. Frames for the struggle will be supplied from nearby girl's colleges by the Dormitory Social Committee.

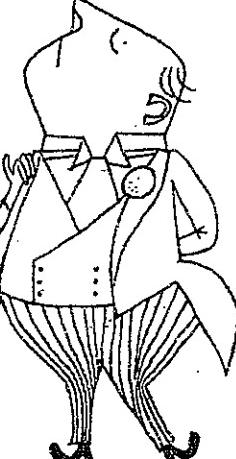
Sargent College of Physical Education—

TECH IS PARADISE LOST

By Phil Gallagher



the case of the stuck-up salesman



When police arrived at the college haberdashery, they shook their heads in disbelief. Instead of being gagged and bound, the salesman was actually glued to the floor. They took quick stock of the clues . . . an empty glue pot, several odd-shaped pieces of cloth scattered about, an empty show-case, an empty cash drawer. Ingenious shirt-robbing!

"Ugg glub," said the salesman, still all stuck-up . . . stuck down, rather.

When they finally got him extricated with hot water and chisels, he thanked them nicely and said, "What's the matter with you jerks? I haven't been robbed."

"No," he explained, "I was simply making a demonstration of the Van Heusen Century shirt for some of the boys. Showed them why the revolutionary one-piece Century collar just won't wrinkle ever. Told 'em how regular collars are made of three layers of cloth, 'glued' and stitched together. I glued a set, just for emphasis . . . learned to demonstrate in Woolworth's."

"Get on with it," said the detective.

"Well, I showed 'em how these 3-piece jobs wrinkle and wilt quickly even with starch or stays. I said the Van Heusen Century collar would stay neat always—without starch or stays—or their money back. When I told 'em that Van Heusen Centurys gave 'em lots more wear than ordinary shirts, yet cost the same price (just \$3.95 for whites and \$4.50 for colors) they bought me out. I was so overjoyed, I did a little jig and tripped over the glue pot. Got stuck up."

"Oh, yeah?" yeahed the detective. "Well, where's all the dough?"

"Oh, college men never pay. They just charge everything to Dad."

(Editor's note: Oh, yeah?)

TUESDAY, SEPTEMBER 28, 1954

NSA.

(Continued from page 1)

ly conscious of the need for new information pertaining to student problems and to student government operations. The NSA and its annual Congress provide unique channels for the exchange of ideas among student leaders from all parts of the United States and from many other nations. More and more, campuses are becoming aware of the broad problems facing students in this nation and throughout the world.

Last year, Dean Jacoby (then Undergraduate Association President) became chairman of the regional student government commission of the NSA. This summer, both Eldon Reilly (current president) and myself took active part in the Congress and found it to be vastly stimulating and productive. The broadened outlook which Congress delegates acquire is an intangible, but can be transmitted in their work in student government. The techniques and ideas for specific projects which delegates acquire are more readily applicable to particular campus situations. Institute Committee and students in general will profit from the new look NSA will soon have at the Institute, as Eldon Reilly hopes to strengthen the structure of the local NSA committee and in doing so to implement the proper functioning of our student government.

(Next week—USNSA: present policy and projected services.)

Skating Vanities.
 Symphony Hall—Charles Munch will direct the Boston Symphony Orchestra through its 74th season starting Friday, October 8. Check the T.C.A. for tickets.

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the bush leaguer**Football Kicks Off Season; First Sailing Tournament Set**

by Jerry Marwell '57

The rosters for intramural football and intramural sailing, fall season, are in, and the campus competition is officially under way.

Leagues Chosen

In football 36 teams have been entered and these have been split up into five leagues. The first league consists of eight teams while the others each contain seven, with one bye given out in the opening round. All choosing was done by picking out of a hat. For this reason one of the leagues appears much stronger than the others.

Opening Games

The leagues shape up something like this. In league one Theta Xi plays Phi Kappa, Delta Tau Delta fights Baker "A". D.U. has it out with the newly formed TEP squad, and the powerful Phi Gam's, last year's winners, play Kappa Sig. In league number two it's Sigma Phi Epsilon vs. Sigma Chi, the 5:15 club against Student House, and AEPI against Burton. Phi Kappa Sigma draws a bye.

In league three Chi Phi is the lucky, bye-drawing squad. Lamba Chi Alpha faces Burton Student Staff, Phi Delta Theta plays Delta Psi, and Phi Sigma Kappa goes against Beta Theta Pi to complete the league.

League Four Powerful

League four is the big story this year. It seems to contain most of the serious contenders for Phi Gam's football throne. In this league we find SAE opening its season against Theta

Chi. SAE is last year's runner up and traditionally fields a top notch squad. Theta Chi is one of the most athletic-minded houses in school and is almost sure to present a strong threat. The power-laden Grad House is also in this league. They face Pi Lambda Phi in their opener and will find no easy pickings there. Most of ATO's third place squad of last year is back and they should be improved. Phi Mu Delta has the job of meeting them in the season starter. The last team in the league is East Campus which draws a bye. The Easties have the largest manpower pool on campus to draw from and must therefore always be considered a threat.

Rounding out the schedule is league five. In this league we find Phi Beta Epsilon opening against an improved SAM club, Theta Delta Chi playing Grad House Student Staff and DKE coming up against Baker "B". Sigma Nu draws the bye.

New Ref System

A new system of refereeing football games has been started. It is much the same as the system that was instituted last basketball season. All refs will be paid two dollars a game. They will be chosen by two tests, one written and one oral, which will be given by Jack Merkl '56, Dave Foreman '57, and Ashton Stocker '55. These tests will be given on Wednesday at five o'clock at the AA office. Anyone is eligible. Two refs will be used for each

game. It will cost each team about seven dollars with the teams that reach the finals paying extra.

Sailing Starts

The first sailing season will probably start next week. Ernie Blake, the manager, expects from fifteen to twenty teams to be divided into four leagues. Each team will consist of two boats, the helmsmen of which will be familiar with the racing rules. The ultimate winner will be decided in an eight team final regatta.

Elimination

Both football and sailing will be elimination tournaments, the football being double elimination. Football will count ten points toward the all-sports trophy while the sailing contest will be worth ten. The sailing experiment is to be watched with particular interest. It is the first new thing to be injected into intramural sports in a long time.

Crew On Charles For First Drills, Frosh Promising

The forgotten Fall sport, crew, had its official Tech start yesterday when the Charles saw the first of the Cardinal and Grey oarsmen. Although the racing schedule comes almost completely in the spring the fall practices are probably the most important phase in the rowing year since this is when the fundamentals of the sport are ingrained in the oarsmen.

The size of the Frosh turnout must make the '58 coach, Phil Leanderson, a good deal more cheerful. Larger than last year's rookies in number and at least equal in strength and height, the Frosh turnout bodes well for Bea-

beaver barks**54-55 Promises Strong Grid, Basketball Teams**

by Jack Friedman '57

Putting one little word after another and whatever became of sports news at the Institute? None of the fall sports get under way for a week or so and nothing is going on athletically with the exception of the weekly sailing races.

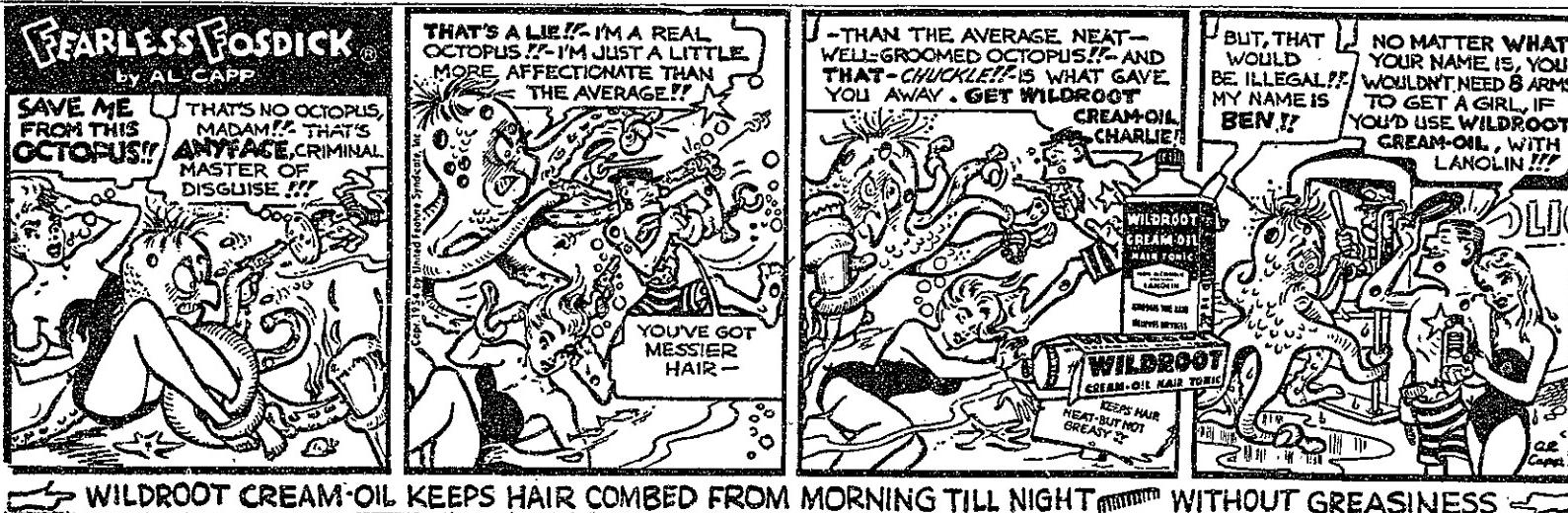
This is the part of the year when sport fans at Tech start to bemoan the absence of football. In order to console these poor unfortunate, we shall attempt to talk a little about football and the Institute . . . The sophomore football team has an ace passer in Willie Waterson who throws as well as anyone seen around Tech in recent years . . . The line is quite light, however, with tackles averaging around one-seventy . . . The fifty-seven-men have a rough schedule mapped out for them: Boston Latin and Tabor Academy are the sophomores' pre-Field Day opponents. Besides lack of weight, the sophomores will be handicapped by insufficient practice time. Both Tabor and Boston Latin will have had at least two weeks edge in practice and a considerable weight advantage over the class of '57 gridiron . . . The freshman footballers should field an above average outfit. The material is rumored to be excellent . . . There are a lot of rumors around about frosh athletes. We prefer to take them reasonably salted. Did you hear the one about the six-foot-seven freshman in Burton House . . . A rumor which sounds a little more reasonable is the one about the experienced frosh basketball material . . . No insult to the six-foot-seven you know what if he exists . . . Speaking of basketball, the varsity

received a serious blow when Stan Shilensky '55, veteran six-foot-six center and last year's late-season surprise standout scorer, succumbed to academic pressure. We heard the news from Scotty Whitelaw, Engineer cage coach, who was trying hard to think of something else at the time . . . But . . . and need we say this, Dee Vergun '56 joins the team this year. The six-four transfer student from Texas hit the headlines last year when, ineligible for varsity play, he broke all intramural scoring records and led the Intramural All-Stars to a near upset of the varsity in a benefit game for the embryo basketball Hall of Fame at Springfield . . . Which brings us to cage Captain Carl Hess '55 who won that game late in the second half with a sensational exhibition of set-shooting including a mid-court shot that swished through as the third quarter ending buzzer sounded. His ball-handling, driving and shooting should lead the Engineers to a successful season despite the loss of Shilensky . . . Which reminds us of another rumor . . . that Shilensky will be back next term. Scotty hopes so. So do we . . . Tiger Jack Britt '55 will be back, nuff said . . . The cagers should be quite the club to watch and in the Cage with the new floor, even better.

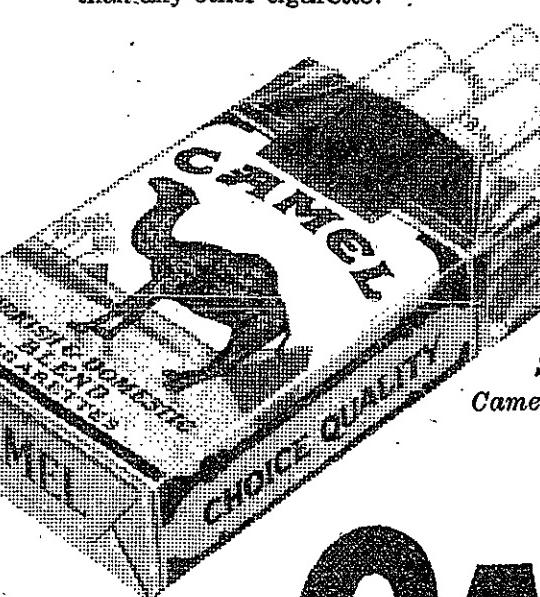
ver crews of the next four years.

The heavyweight situation is definitely looking up, since Tech had a strong Junior Varsity last year and graduation did not cut too deeply into the squad.

Light coach Frailey is faced with the difficulty of producing a worthy successor to his championship crew of last year. Returning, however, are four lettermen and fragments of the J.V. and frosh squads. All in all this season could be one of the best ever seen at the Institute.


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ECHOES FROM
THE PAST

by Everett H. Trop '57

This is a new venture at an old idea, the idea of selecting excerpts from past issues of *The Tech* with either humorous or timely relationships to present-day affairs and sentiments. I sincerely hope that this column will be welcome.

In glancing through the yellowed and time-worn pages written by our predecessors I stumbled upon this stirring speech which was delivered to the entering Techmen alone, but is a universal message to every engineer and scientist, carrying universal truth behind it.

Still True Today

Fifty years ago this very day, on September 28, 1904, President Henry S. Pritchett spoke to the Freshmen and addressed them with these words:

"Today in the East a war involving dreadful sacrifice and suffering is in progress. Sometimes it has seemed that the applied science of recent years lent itself to the art of destruction rather than to the purposes of construction. All the inventions of modern science have been bent to the destruction of human life and of human property; and, however we may admire the bravery and devotion which both armies show, we cannot but regret the political blindness, the absence of common appreciation of human obligations and the lack of intelligence which make such war possible. If the work of our modern education is to make men simply more efficient in destruction without removing those tendencies which make war possible, then we need to change our method of education. I want to say to you men, half

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British Scientist
To Lecture Here
During Fall Term

Sir Alexander R. Todd, distinguished British scientist and professor of organic chemistry at the University of Cambridge, England, has accepted an appointment as Arthur D. Little Visiting Professor of Chemistry at the Institute for the current fall semester. Starting October 4, he will present

a regimen as you are, drafted from all parts of the world, that the highest office of the engineer is to serve peace, not war! to build up, not to destroy! to bring comfort, not suffering!"

a series of twenty lectures dealing with the chemistry of one group of vitamins, their function in enzyme systems, and the general field of nucleotide chemistry. Members of the Chemistry Department and all chemists in the Boston area are invited to attend.

An outstanding educator and research scholar, Sir Alexander is chairman of the British Government's Advisory Council on Scientific Policy, and in 1949 was awarded the Davy Medal of the Royal Society of London for the year's most important European or Anglo-American discovery in chemistry.

He is the author of numerous scientific papers published in chemical and biological journals, and a fellow of the Royal Society and of the Royal Institute of Chemistry.

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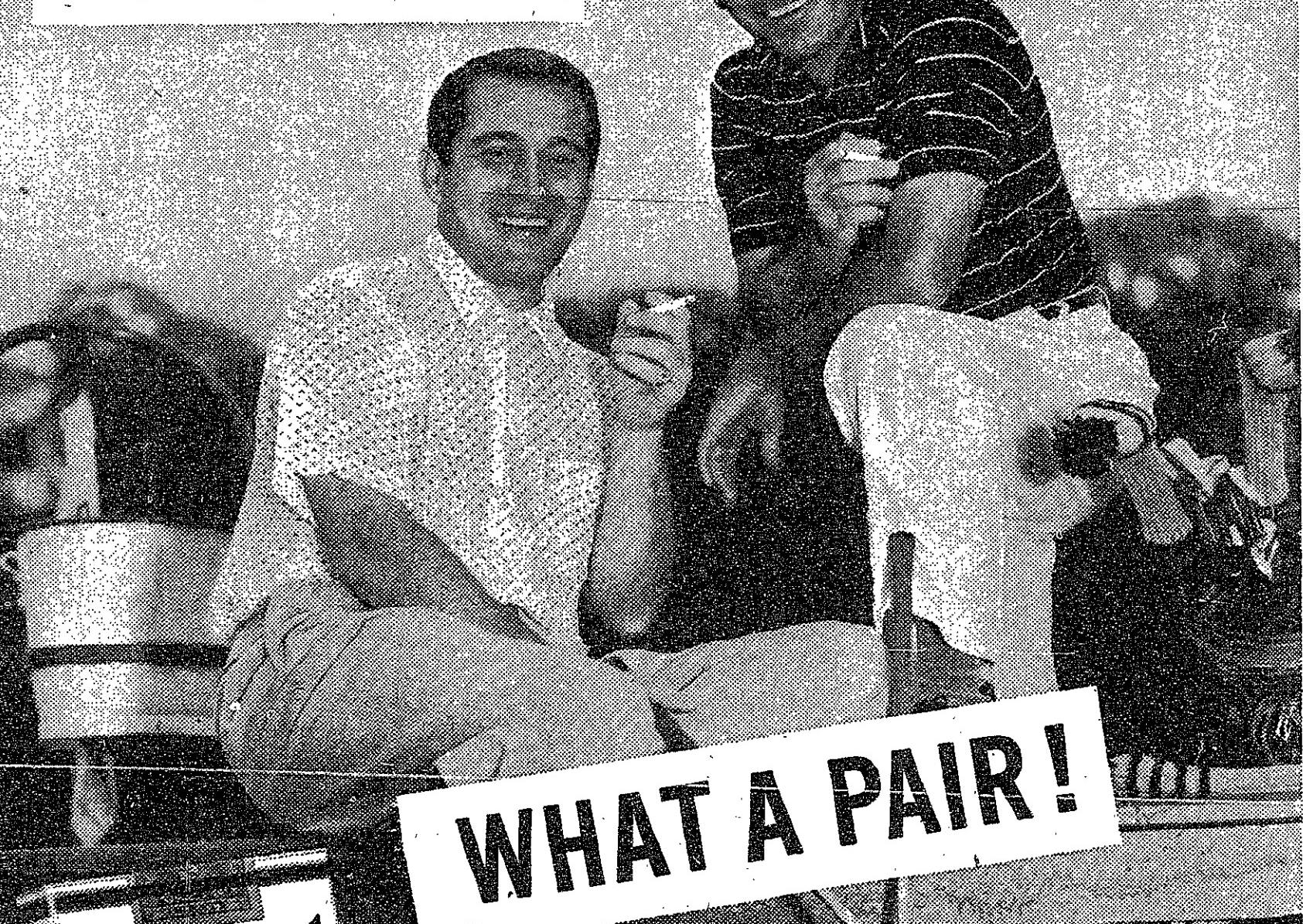
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